

# Hyperscale Data Centers Market Analysis 2018 (By Segment, Key Players and Applications) and Forecasts To 2022

*Hyperscale Data Centers Market 2018: Key Players CISCO, DELL INC., FUJITSU, LENOVO*

PUNE, INDIA, March 20, 2018 /EINPresswire.com/ -- Summary

While relatively new to the mainstream data center market, [hyperscale data centers](#) have long been used by internet companies to manage the massive volumes of data that companies use to store information and scale up their business infrastructure. Amazon and Google were the data center users in the early 2000s. Since then, Facebook, Netflix and other e-commerce companies began using data centers. Later in the mid-2000s, hyperscale data centers became associated with cloud computing as the way to manage the dynamic, high scale environments of these service providers which required the virtualization and orchestration concepts of cloud technologies. Subsequently, the hyperscale data centers market expanded into Microsoft, IBM, HPE and other IT firms as they embraced the move to cloud computing, as well as dedicated cloud providers such as Alibaba and Baidu.

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In 2017 and beyond, hyperscale data centers are expanding into mainstream data centers, led by large enterprises in financial services, telecommunications and retail who need the economies of scale and flexibility the technologies provide. Many of these firms are transforming their IT organizations and networks to enable their own cloud computing environments; others are designing parallel infrastructures to work more seamlessly with the major cloud providers through private cloud, public cloud or hybrid cloud models.

The demand for this kind of flexible scalability is expected to grow from \$21.5 billion in 2016 to \$98.2 billion by 2022 at a compound annual growth rate (CAGR) of 20.3%. Still only a fraction of the \$REDACTED trillion total IT market, hyperscale data centers are expected to account for REDACTED% of all network traffic by 2020.

## Reasons for Doing This Study

Research believes the market for hyperscale data centers technologies represents a long-term trend that will transform the way data center technologies are deployed while also reducing the cost to IT organizations. Hyperscale Data Centers will also enable the continuing scaling of

computer storage and networks required by today's environment. Report Scope:

This report will cover hyperscale data centers which are defined as "distributed computing environments in which the volume of data and the demand for certain types of workloads can increase exponentially yet still be accommodated quickly in a cost-effective manner." This environment can be accomplished through a wide variety of software and hardware combinations but requires virtual cloud-based infrastructure and load management.

Within this scope, the report will size and forecast the software and hardware revenue for the hyperscale data center comprising the key IT domains of computer processing, storage and networking.

Specific segments within this scope are as follows:

- Technology segments:
- Hyperscale Data Center Hardware:
  - Computer Servers.
  - Storage Devices.
  - Network Devices.
  - Security Devices.
- Hyperscale Data Center Software:
  - Data Management.
  - Security Management.
  - System Management.
  - Storage Management.
  - Network Management.
  - Orchestration.

The report will also segment the Hyperscale Data Center revenue by end use in terms of:

- Cloud providers.
- Enterprises.
- Mid-size firms.
- Small businesses.

The industry sector Hyperscale Data Center applications revenue covered will be:

- Consumer products.
- Energy.
- Financial services.
- Government.
- Industrial.
- Materials.
- Retail.
- Telecommunications.

- Transportation.
- Utilities.

Report Includes:

- 43 tables
  - An overview of the global markets for hyperscale data centers
  - Analyses of global market trends, with data from 2016, 2017, and projections of CAGRs through 2022
  - Market breakdown by technology segment, end use, application, and region
  - Information on the key components and applications, and the major advantages and disadvantages of hyperscale computing
  - Relevant patent analyses
  - Insight into key suppliers' and manufacturers' positioning and strategies
  - Company profiles of the major player of the industry, including Brocade Communications Systems, DataCore Software, Hitachi Data Systems (HDS), Intel Corp., Neustar and Pure Storage
- AT&T  
BMC SOFTWARE  
BROCADE COMMUNICATIONS SYSTEMS INC.  
CISCO  
CLOUDFLARE  
COMMVault SYSTEMS INC.  
CORESITE  
DATACORE SOFTWARE  
DDN  
DELL INC.  
DIGITAL REALTY  
EQUINIX  
EXPEDIENT  
EXTREME NETWORKS  
F5 NETWORKS INC.  
FOGO DATA CENTERS  
FUJITSU  
FUSION-IO  
INFORTREND  
INSPUR  
INTEL  
INTERROUTE  
JUNIPER NETWORKS  
LENOVO  
LEVEL 3 COMMUNICATIONS  
LIMELIGHT NETWORKS  
LSI CORP.

NEC  
NETAPP  
NETCETERA  
NEUSTAR

Table of Content: Key Points  
Chapter 1 Introduction  
Chapter 2 Summary and Highlights  
Chapter 3 Market and Technology Background  
Chapter 4 Market Breakdown by Technology Type  
Hyperscale Data Center Technology Segments  
Hardware  
...Continued □

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